

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 DEC 01 ChemPort single article sales feature unavailable
NEWS 3 JUN 01 CAS REGISTRY Source of Registration (SR) searching
enhanced on STN
NEWS 4 JUN 26 NUTRACEUT and PHARMAML no longer updated
NEWS 5 JUN 29 IMSCOPROFILE now reloaded monthly
NEWS 6 JUN 29 EPFULL adds Simultaneous Left and Right Truncation
(SLART) to AB, MCLM, and TI fields
NEWS 7 JUL 09 PATDPAFULL adds Simultaneous Left and Right
Truncation (SLART) to AB, CLM, MCLM, and TI fields
NEWS 8 JUL 14 USGENE enhances coverage of patent sequence location
(PSL) data
NEWS 9 JUL 27 CA/CAPLUS enhanced with new citing references
NEWS 10 JUL 16 GBFULL adds patent backfile data to 1855
NEWS 11 JUL 21 USGENE adds bibliographic and sequence information
NEWS 12 JUL 28 EPFULL adds first-page images and applicant-cited
references
NEWS 13 JUL 28 INPADOCDB and INPAFAMDB add Russian legal status data

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
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Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:17:41 ON 07 AUG 2009

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.22	0.22

FILE 'REGISTRY' ENTERED AT 14:18:00 ON 07 AUG 2009
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STRUCTURE FILE UPDATES: 6 AUG 2009 HIGHEST RN 1173240-01-1
DICTIONARY FILE UPDATES: 6 AUG 2009 HIGHEST RN 1173240-01-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

Please note that search-term pricing does apply when
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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

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=>

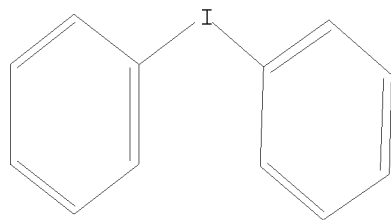
Uploading C:\Program Files\Stnexp\Queries\10559879-iodonium.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 full

FULL SEARCH INITIATED 14:18:18 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 9302 TO ITERATE

100.0% PROCESSED 9302 ITERATIONS

3790 ANSWERS

SEARCH TIME: 00.00.01

L2 3790 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

185.88

186.10

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FILE COVERS 1907 - 7 Aug 2009 VOL 151 ISS 7

FILE LAST UPDATED: 6 Aug 2009 (20090806/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2009

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2009

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

The ALL, BIB, MAX, and STD display formats in the CA/CAPLUS family of databases have been updated to include new citing references information. This enhancement may impact record import into database management software. For additional information, refer to NEWS 22.

=> s diaryliodonium
L3 730 DIARYLIODONIUM

=> s l3 and fluorination
18760 FLUORINATION
L4 7 L3 AND FLUORINATION

=> s l3 and free radical
1462071 FREE
349538 RADICAL
79073 FREE RADICAL
(FREE(W)RADICAL)
L5 38 L3 AND FREE RADICAL

=> s l5 and fluorination
18760 FLUORINATION
L6 0 L5 AND FLUORINATION

=> s l3 and fluorine
122683 FLUORINE
L7 10 L3 AND FLUORINE

=> s l7 or l4
L8 13 L7 OR L4

=> s l8 and radical
349538 RADICAL
L9 1 L8 AND RADICAL

=> d l9 ibib abs

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2007:79664 CAPLUS

DOCUMENT NUMBER: 147:541532

TITLE: Radical scavengers: A practical solution to the reproducibility issue in the fluorination of diaryliodonium salts

AUTHOR(S): Carroll, Michael A.; Nairne, James; Smith, Graham; Widdowson, David A.

CORPORATE SOURCE: School of Natural Sciences - Chemistry, Newcastle University, Newcastle upon Tyne, NE1 7RU, UK

SOURCE: Journal of Fluorine Chemistry (2007), 128(2), 127-132
CODEN: JFLCAR; ISSN: 0022-1139

PUBLISHER: Elsevier B.V.

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 147:541532

AB The addition of radical scavengers to the fluoridation of diaryliodonium salts was demonstrated to improve significantly both the reproducibility of the process and the material yield of the desired fluoroarene products. It was also established that the selectivity of the process was not influenced by the presence of the radical scavengers. TEMPO and galvinoxyl were the most suitable radical scavengers in the fluoridation process.

OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

REFERENCE COUNT: 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT